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PATENT
Attorney Docket No. 228559
Client Reference No.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cosman et al.

Application No. 10/823,260

Group Art Unit: Unassigned

Filed: April 13, 2004

Examiner: Unassigned

For: **PROCESS AND DISPENSING SYSTEM
FOR PREPARING LIQUID
CONCENTRATES FOR PLASTICS**

INFORMATION DISCLOSURE STATEMENT

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as

set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
 - the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
 - or*
 - the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copies of the References

- Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
- This patent application was filed after June 30, 2003. Accordingly, copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith (see Official Gazette Notice of August 5, 2003). Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
- Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
- A copy of the foreign search report is enclosed herewith.

The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Statement under 37 CFR 1.97(e)

The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.

The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

No fee is owed by the applicant(s).
 The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

Attached is a check in the amount of \$.
 Charge Deposit Account No. 12-1216 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)

Authorization to Charge Additional Fees

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

Credit Account No. 12-1216.
 Refund



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Date: June 28, 2004

CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: June 28, 2004



Please type a plus sign (+) inside this box →



Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

		Complete if Known	
Application Number	10/823,260		
Filing Date	April 13, 2004		
First Named Inventor	Jeffrey M. COSMAN		
Group Art Unit	Unassigned		
Examiner Name	Unassigned		
Attorney Docket Number	228559		

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
AA	2,848,019			Corbin et al.	August 19, 1958	
AB	2,923,438			Logan et al.	February 2, 1960	
AC	3,814,388			Jakob	June 4, 1974	
AD	4,225,248			Para	September 30, 1980	
AE	4,403,866			Falcoff et al.	September 13, 1983	
AF	4,526,215			Harrison et al.	July 2, 1985	
AG	4,538,221			Crain et al.	August 27, 1985	
AH	4,705,083			Rossetti	November 10, 1987	
AI	4,733,971			Pratt	March 29, 1988	
AJ	4,813,785			Miller	March 21, 1989	
AK	4,815,042			Pratt	March 21, 1989	
AL	4,889,433			Pratt	December 26, 1989	
AM	5,023,814			Guillemin	June 11, 1991	
AN	5,116,547	A		Tsukahara et al.	May 26, 1992	
AO	5,153,825	A		Yauk et al.	October 6, 1992	
AP	5,219,224	A		Pratt	June 15, 1993	
AQ	5,225,210	A		Shimoda	July 6, 1993	
AR	5,340,211	A		Pratt	August 23, 1994	
AS	Re. 34,776	E		Pratt	November 8, 1994	
AT	5,409,310	A		Owczarz	April 25, 1995	
AU	5,468,068	A		Hotchkiss, III	November 21, 1995	
AV	5,522,660	A		O'Dougherty et al.	June 4, 1996	
AW	5,559,173	A		Campo et al.	September 24, 1996	
AX	5,592,940	A		Kampfe et al.	January 14, 1997	
AY	5,713,062	A		Goodman et al.	January 27, 1998	
AZ	5,723,517	A		Campo et al.	March 3, 1998	
BA	5,781,828	A		Caruthers, Jr. et al.	July 14, 1998	
BB	5,800,746	A		Jones et al.	September 1, 1998	
BC	5,823,670	A		Rushing et al.	October 20, 1998	
BD	5,833,364	A		Rushing et al.	November 10, 1998	
BE	5,834,089	A		Jones et al.	November 10, 1998	
BF	5,869,551	A		Caswell et al.	February 9, 1999	
BG	5,889,089	A		Caswell et al.	March 30, 1999	
BH	5,938,080	A		Haaser et al.	August 17, 1999	
BI	6,007,236	A		Maguire	December 28, 1999	
BJ	6,010,032	A		Vermylen et al.	January 4, 2000	
BK	6,053,218	A		Boers	April 25, 2000	
BL	6,221,145	B1		McClain	April 24, 2001	
BM	6,349,300	B1		Graf et al.	February 19, 2002	
BN	6,494,608	B1		Retamal et al.	December 17, 2002	
BO	6,507,824	B1		Yon et al.	January 14, 2003	
BP	6,719,453	B2		Cosman et al.	April 13, 2004	

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SEARCHED INDEXED
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/823,260
Filing Date	April 13, 2004
First Named Inventor	Jeffrey M. COSMAN
Group Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number 228559

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No*+
B Q	GB	889,724			Sapolin Paints, Inc.	February 21, 1962		
B R	EP	0 391 286	A1		BASF Corporation	October 10, 1990		
B S	EP	0 484 564	A1		Kansai Paint Co., Ltd.	May 13, 1992		
B T	EP	0 882 496	A2		Ecolab, Inc.	December 9, 1998		

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No*+

Examiner Signature

Date Considered

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).